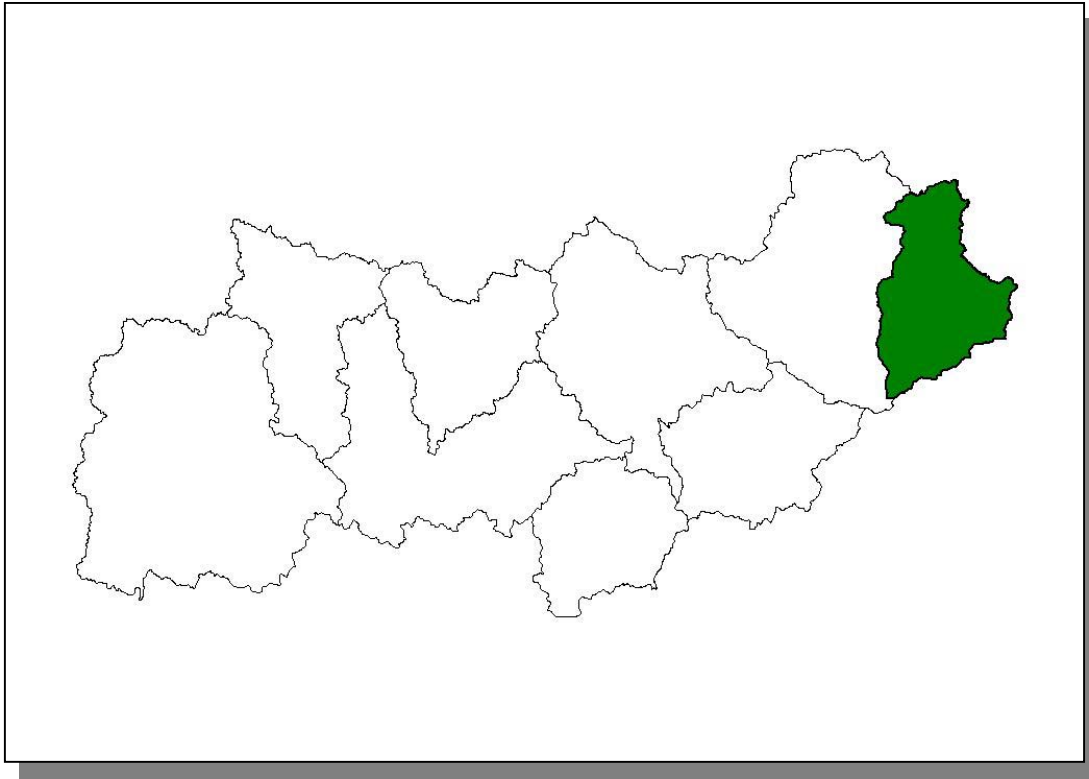
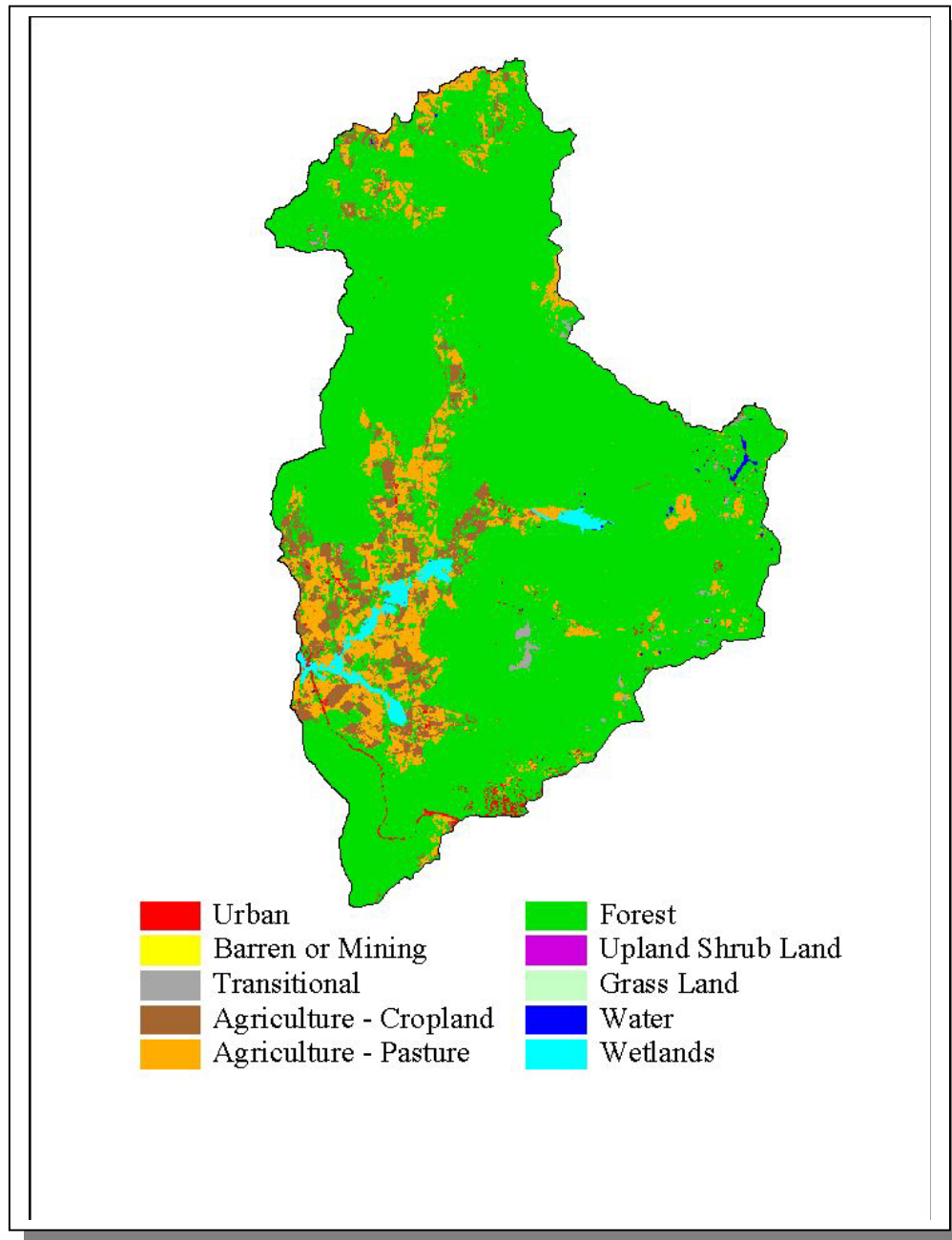


**4.2.A. 0603000301.**

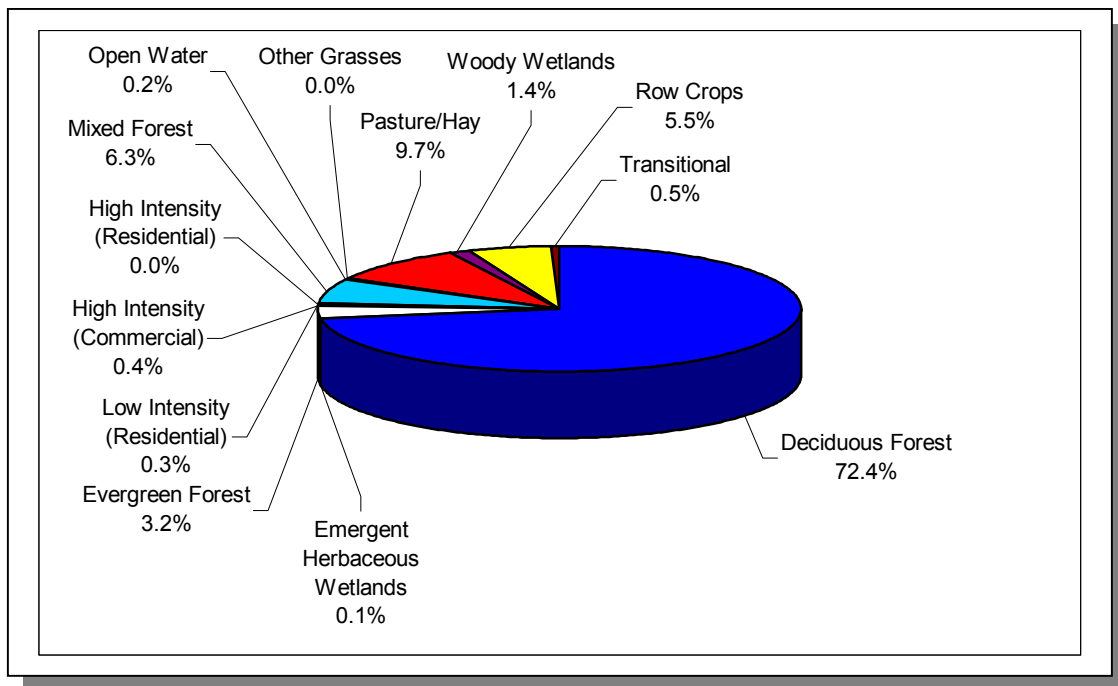


**Figure 4-2. Location of Subwatershed 0603000301.** All Upper Elk HUC-10 subwatershed boundaries are shown for reference.

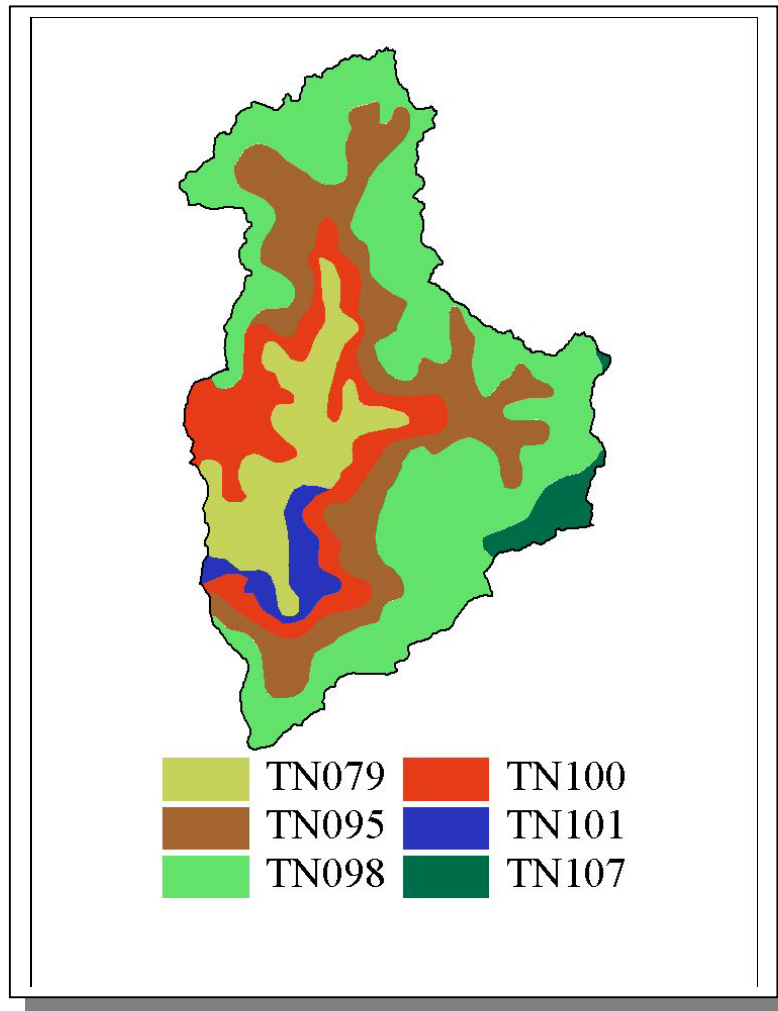
**4.2.A.i. General Description.**



**Figure 4-3. Illustration of Land Use Distribution in Subwatershed 0603000301.**



**Figure 4-4. Land Use Distribution in Subwatershed 0603000301.** More information is provided in Upper Elk River-Appendix IV.



**Figure 4-5. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000301.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN079	8.00	C	1.30	5.66	Silty Loam	0.35
TN095	0.00	B	2.35	5.12	Loam	0.31
TN098	1.00	C	3.98	4.82	Loam	0.32
TN100	0.00	B	1.14	3.35	Silty Loam	0.21
TN101	0.00	B	1.71	5.39	Loam	0.35
TN107	1.00	C	6.34	4.84	Loam	0.28

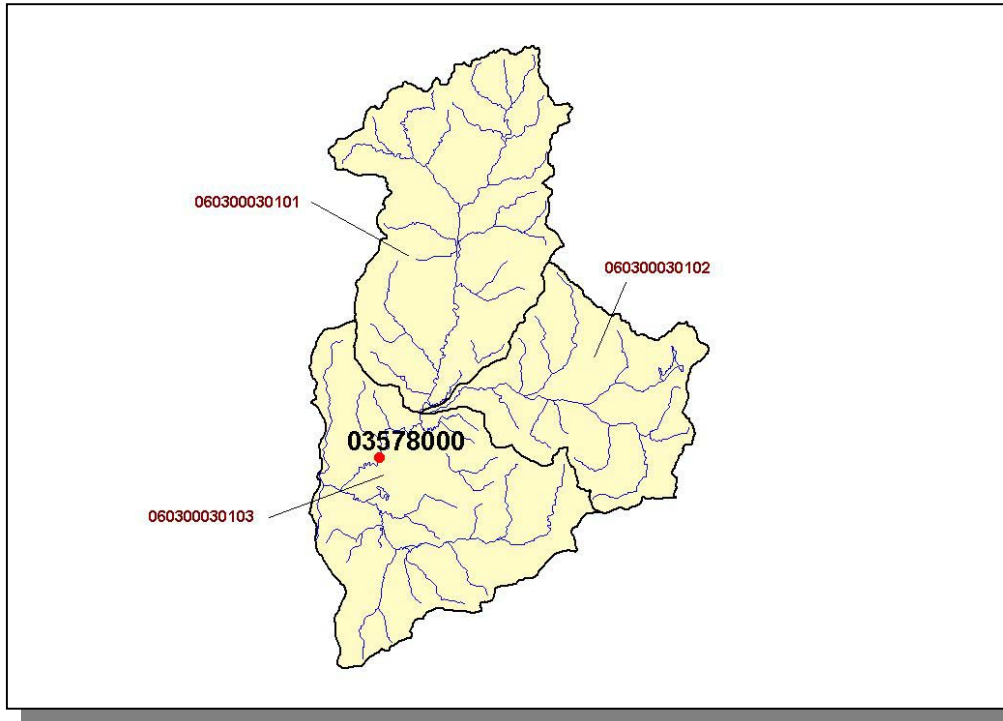
**Table 4-2. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000301.** More details are provided in Upper Elk-Appendix IV.

County	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		PERCENT CHANGE
	1990	1997 Est.		1990	1997	
Coffee	40,339	45,347	0.16	63	71	12.7
Franklin	34,725	37,152	0.12	41	44	7.3
Grundy	13,362	14,012	24.53	3,277	3,437	4.9
Marion	24,860	26,674	0.16	40	42	5.0
<b>Totals</b>	<b>113,286</b>	<b>123,185</b>		<b>3,421</b>	<b>3,594</b>	<b>5.1</b>

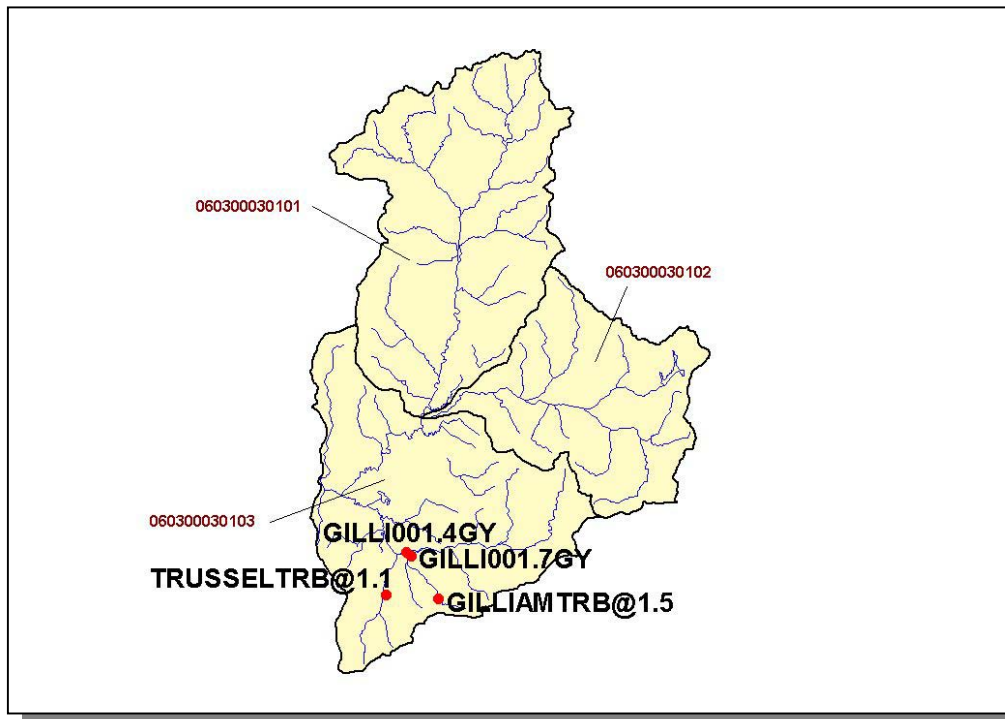
*Table 4-3. Population Estimates in Subwatershed 0603000301.*

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Coalmont	Grundy	857	300	4	268	28
Monteagle	Marion	1,187	453	258	191	4
Tracy City	Grundy	1,512	660	43	603	14
<b>Total</b>		<b>3,556</b>	<b>1,413</b>	<b>305</b>	<b>1,062</b>	<b>46</b>

*Table 4-4. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0603000301.*

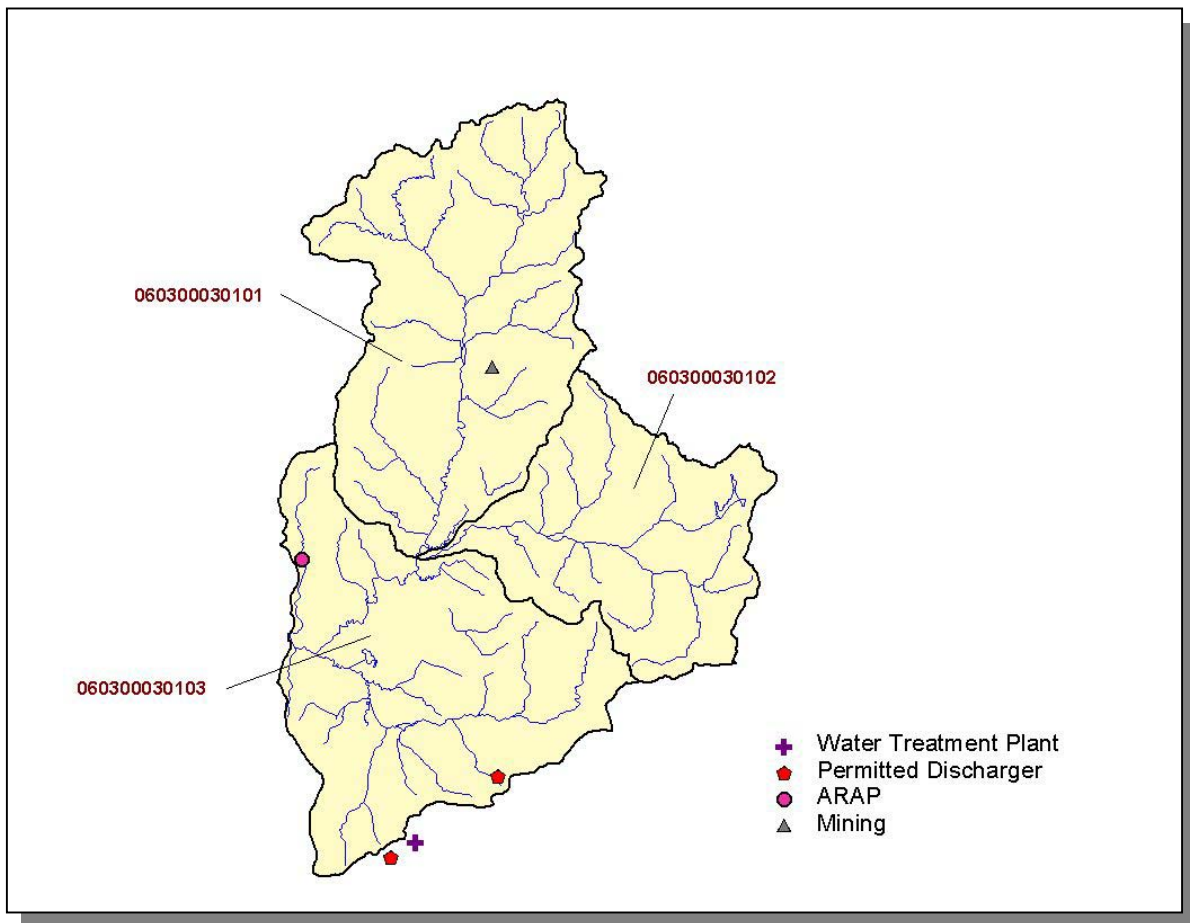


**Figure 4-6. Location of Historical Streamflow Data Collection Sites in Subwatershed 0603000301.** Subwatershed 060300030101, 060300030102, and 060300030103 boundaries are shown for reference. More information is provided in Upper Elk-Appendix IV.

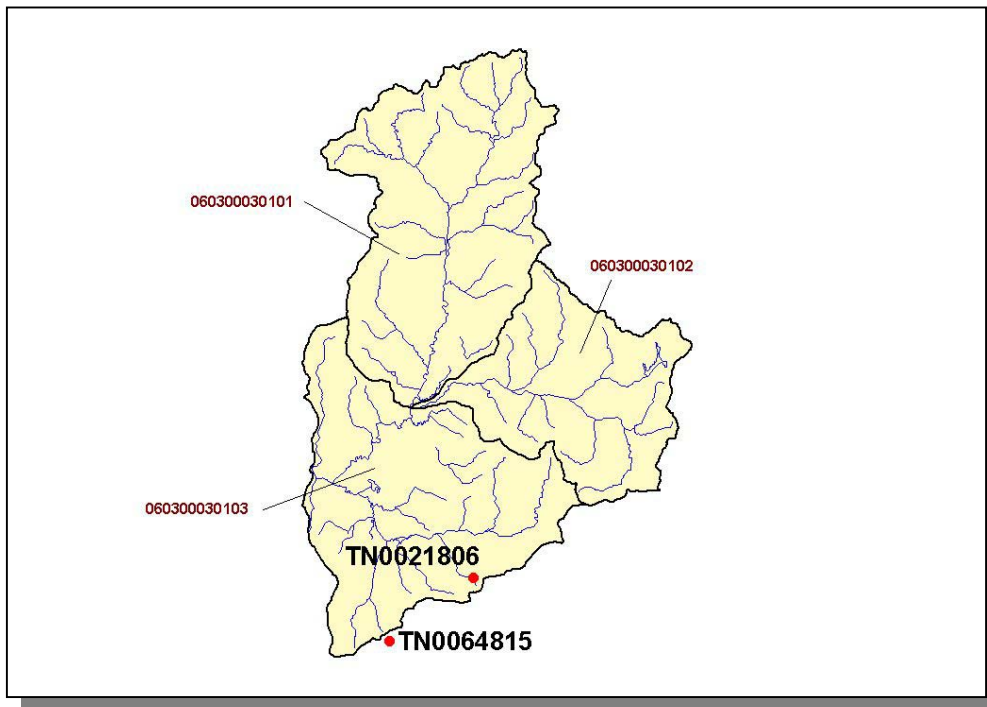


**Figure 4-7. Location of STORET Monitoring Sites in Subwatershed 0603000301.** Subwatershed 060300030101, 060300030102, and 060300030103 boundaries are shown for reference. More information is provided in Upper Elk-Appendix IV.

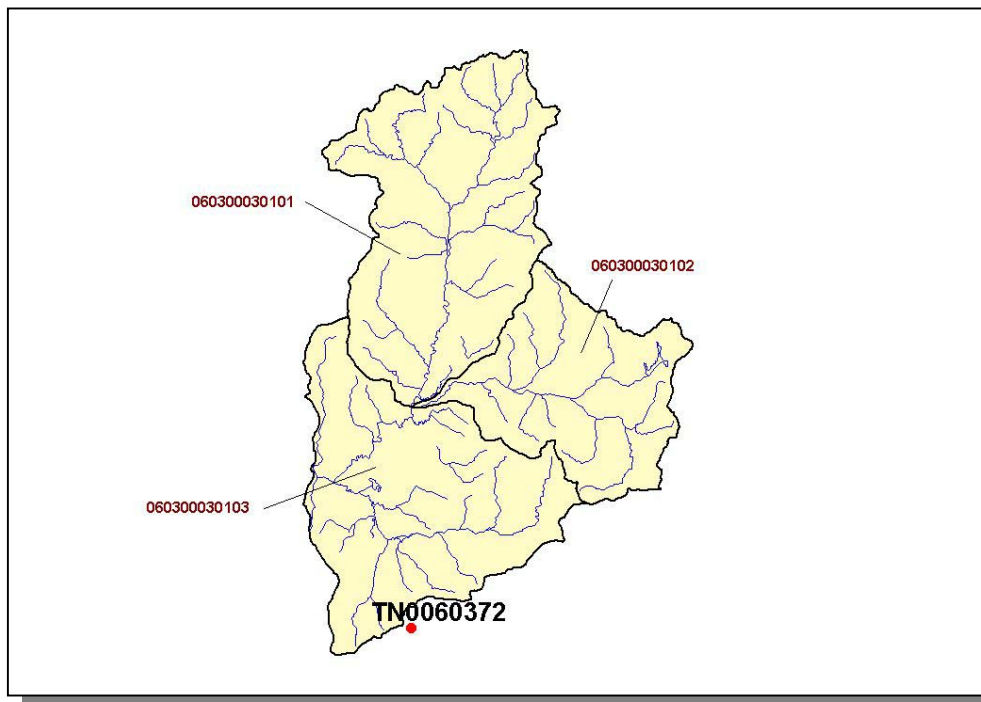
4.2.A.ii. Point Source Contributions.



**Figure 4-8. Location of Active Point Source Facilities in Subwatershed 0603000301.** Subwatershed 060300030101, 060300030102, and 060300030103 boundaries are shown for reference. More information is provided in the following charts.

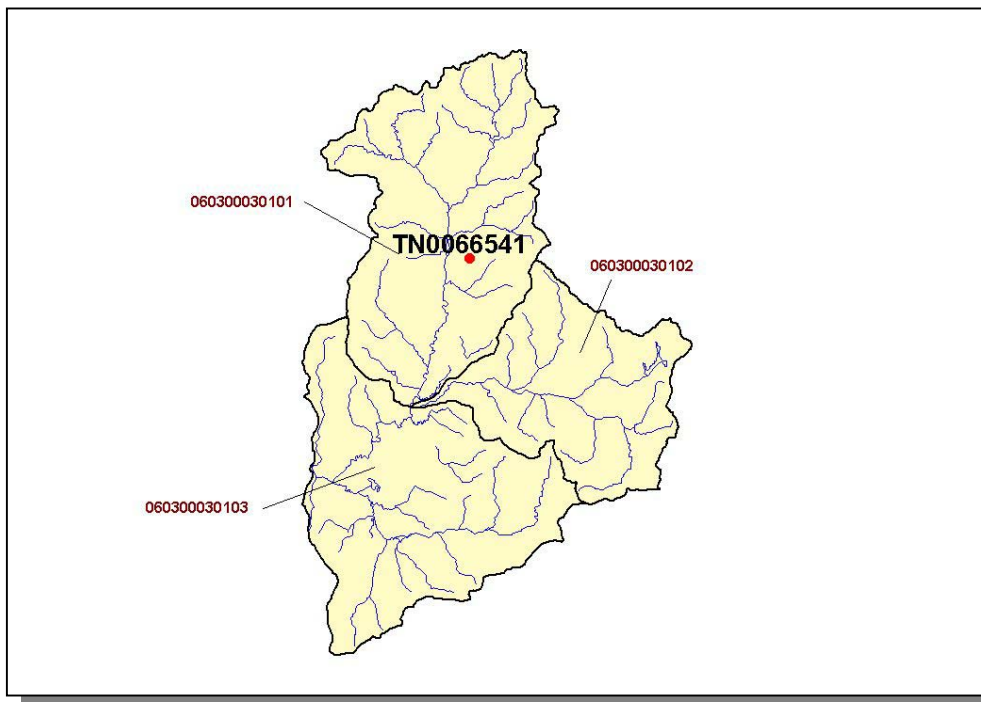


**Figure 4-9. Location of Active Point Source Facilities in Subwatershed 0603000301.** Subwatershed 060300030101, 060300030102, and 060300030103 boundaries are shown for reference. More information, including the names of facilities, is provided in Upper Elk-Appendix IV.

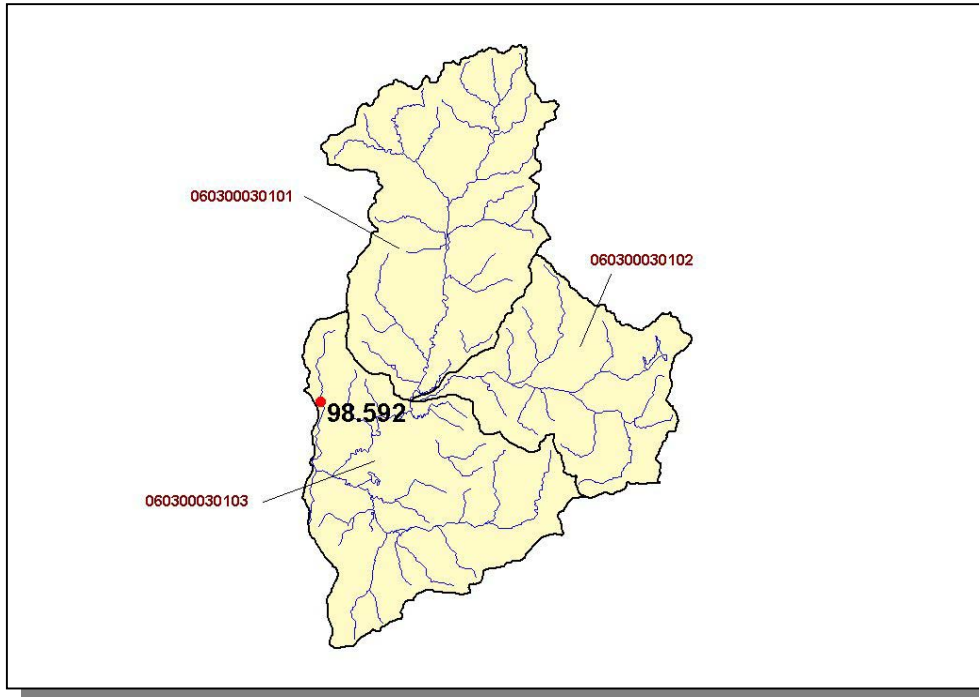


**Figure 4-10. Location of Water Treatment Plant Sites in Subwatershed 0603000301.** Subwatershed 060300030101, 060300030102, and 060300030103 boundaries are shown for reference. More information, including the names of facilities, is provided in Upper Elk-Appendix IV.





**Figure 4-11. Location of Active Mining Sites in Subwatershed 0603000301.** Subwatershed 060300030101, 060300030102, and 060300030103 boundaries are shown for reference. More information, including the names of facilities, is provided in Upper Elk-Appendix IV.



**Figure 4-12. Location of ARAP Sites (Individual Permits) in Subwatershed 0603000301.** Subwatershed 060300030101, 060300030102, and 060300030103 boundaries are shown for reference. More information, including the names of facilities, is provided in Upper Elk-Appendix IV.

**4.2.A.iii. Nonpoint Source Contributions.**

<b>LIVESTOCK (COUNTS)</b>						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
1,367	3,195	193	6	5,325,369	725	0

**Table 4-5. Summary of Livestock Count Estimates in Subwatershed 0603000301.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	<b>INVENTORY</b>		<b>REMOVAL RATE</b>	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Coffee	114.4	114.2	2.8	12.7
Franklin	183.4	183.0	6.0	28.7
Grundy	174.5	165.9	5.6	17.7
<b>Totals</b>	<b>472.3</b>	<b>463.1</b>	<b>14.4</b>	<b>59.1</b>

**Table 4-6. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 0603000301.**

<b>CROPS</b>	<b>TONS/ACRE/YEAR</b>
Corn (Row Crops)	5.14
Soybeans (Row Crops)	4.73
Cotton (Row Crops)	4.03
Grass (Hayland)	0.39
Legume (Hayland)	1.64
Legume/Grass (Hayland)	0.19
Grass (Pastureland)	0.79
Grass, Forbs, Legumes (Mixed Pasture)	0.36
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Conservation Reserve Program Land	0.11
Wheat (Close Grown Cropland)	9.69
All Other Close Grown Cropland	5.82
Other Vegetable and Truck Crops	5.99
Other (Horticultural)	4.58
Nonagricultural Land Use	0.00
Farmsteads and Ranch Headquarters	0.28
Other Cropland (Not Planted)	4.35

**Table 4-7. Annual Estimated Total Soil Loss in Subwatershed 0603000301.**